

FIG. 1

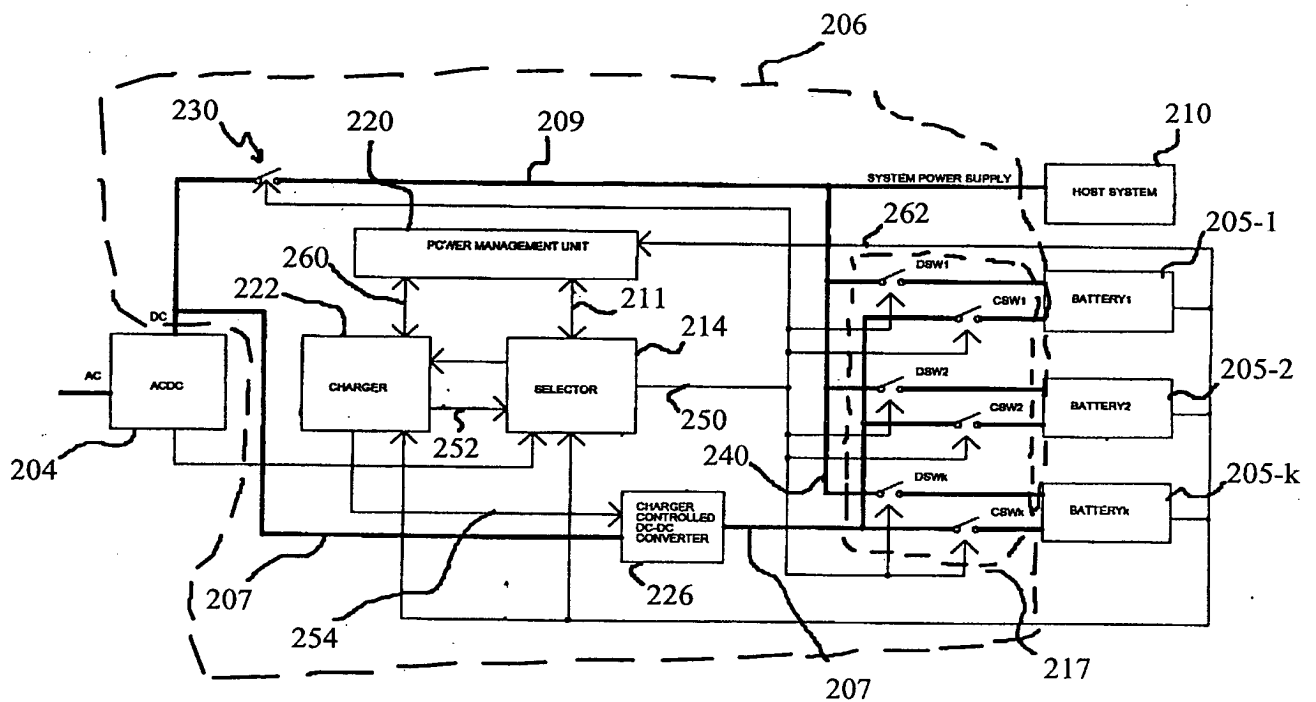


FIG. 2

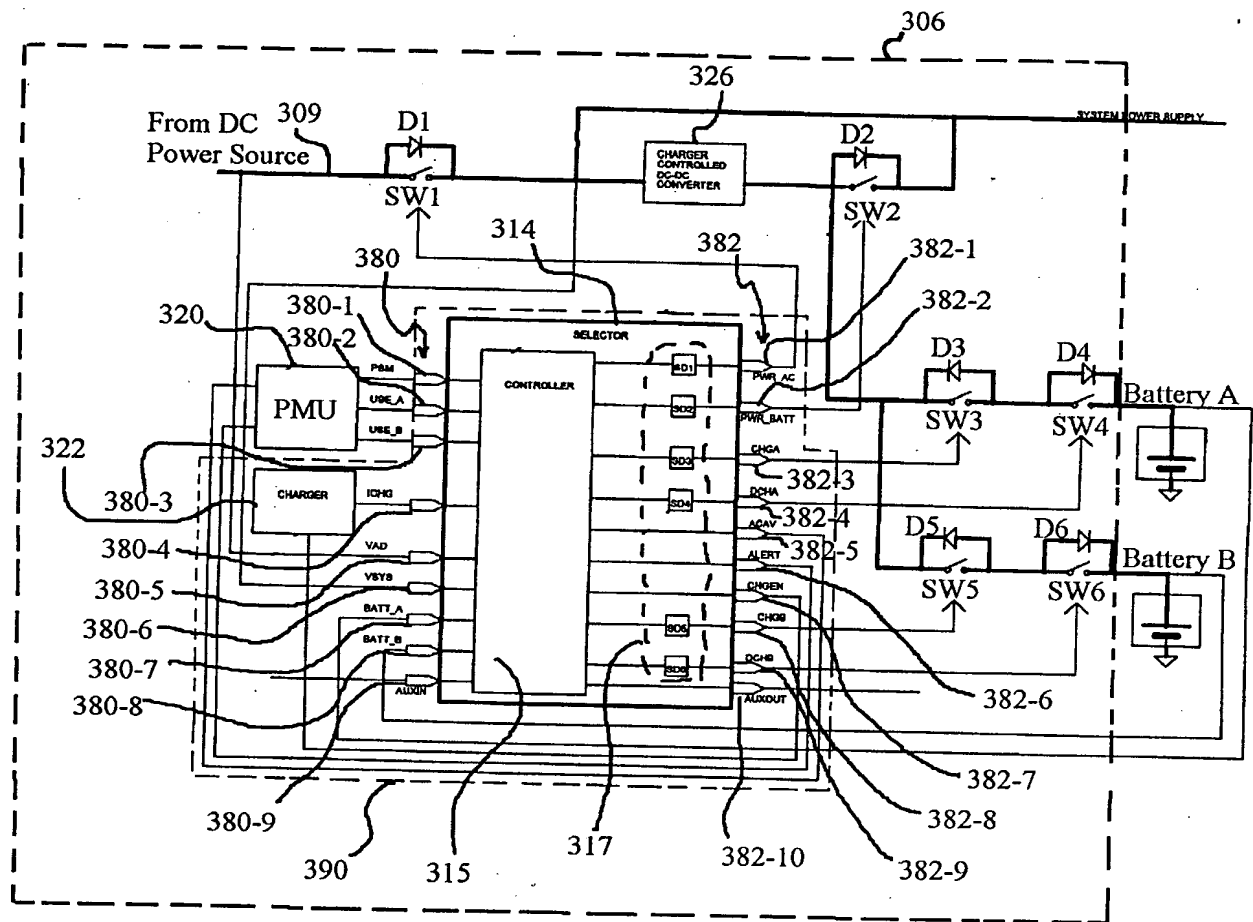


FIG. 3

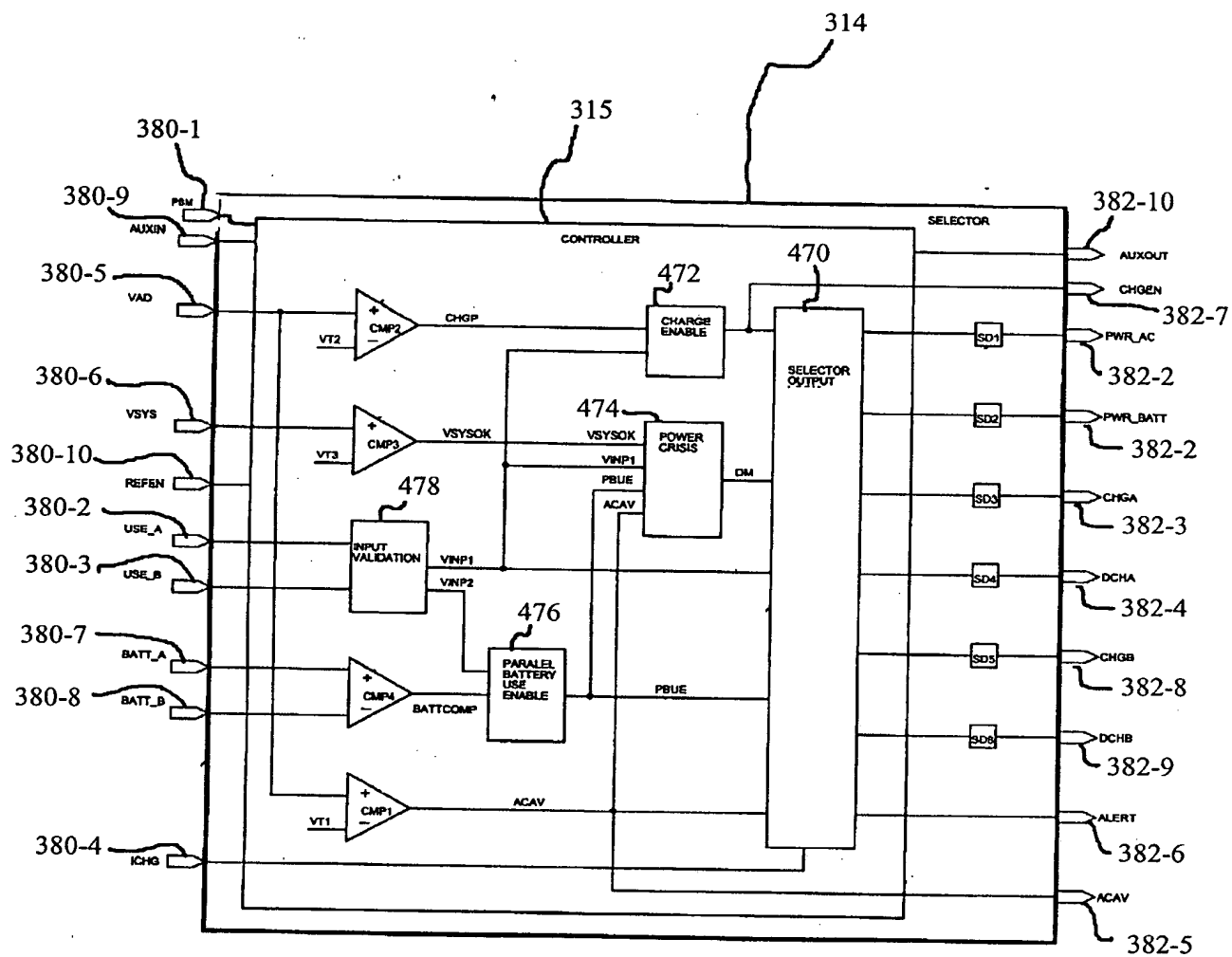


FIG. 4

500

Signal States USE_A USE_B	USE signals Indicate Battery A		USE signals Indicate Battery B		USE signals Indicate Battery A and B in parallel						USE signals Indicate neither Battery A or B
	502	504	506	508	510	512	514	516	518	520	522
Lower voltage battery	low	high	low	high	low	low	low	low	low	low	high
Charging Current Signal	high	low	high	low	high	low	high	high	low	high	low
V/NP1	high	high	high	high	high	high	high	high	high	high	low
CHGEN	high	high	high	high	high	high	high	high	high	high	low
PBLUE	low	low	low	low	high	high	low	low	low	low	low
Switch States											
SW1	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON
SW2	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
SW3	ON	ON	OFF	OFF	ON	ON	ON	ON	ON	OFF	OFF
SW4	OFF	ON	OFF	OFF	OFF	ON	OFF	ON	ON	OFF	OFF
SW5	OFF	OFF	ON	ON	ON	ON	OFF	OFF	ON	ON	OFF
SW6	OFF	OFF	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	OFF

FIG. 5

600

602 604 606

Supply Mode	Nbssm1	Nbssm1	Nbssm2
Targeted Supply Battery	A	B	A+B
VINP1	high	high	high
VINP2	low	low	high
BATTCOMP	X	X	high
PBLUE	low	low	high
SW1	OFF	OFF	OFF
SW2	ON	ON	ON
SW3	ON	OFF	ON
SW4	ON	OFF	ON
SW5	OFF	ON	ON
SW6	OFF	ON	ON

FIG. 6

700

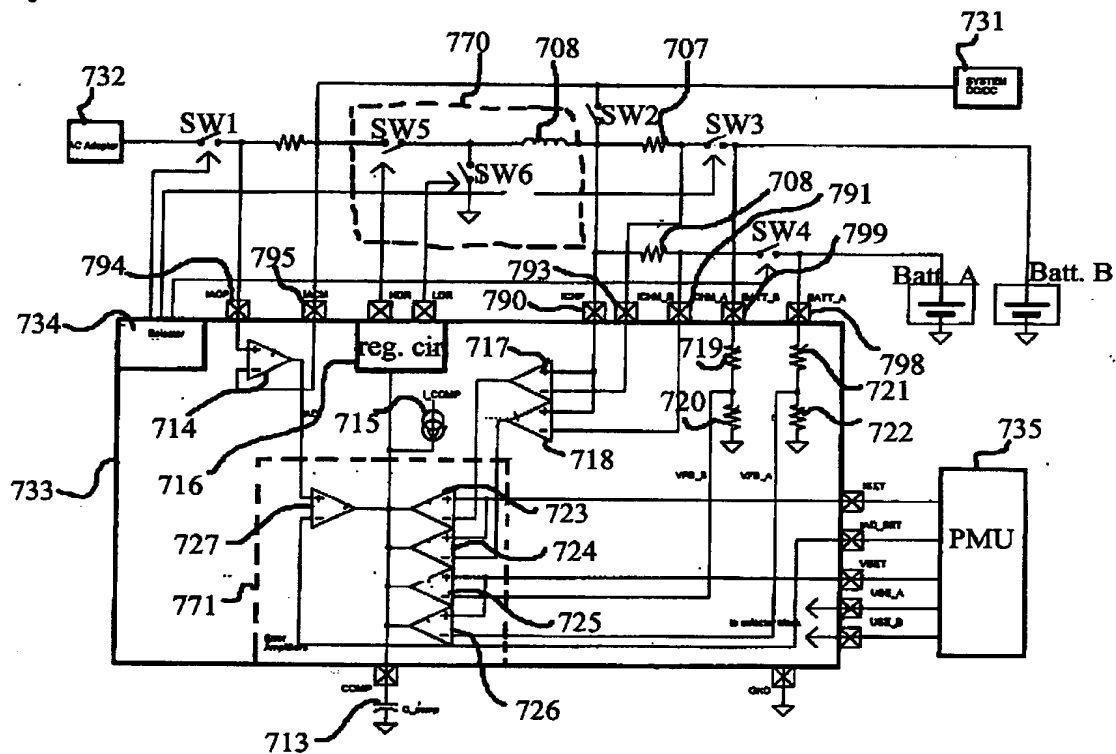


FIG. 7

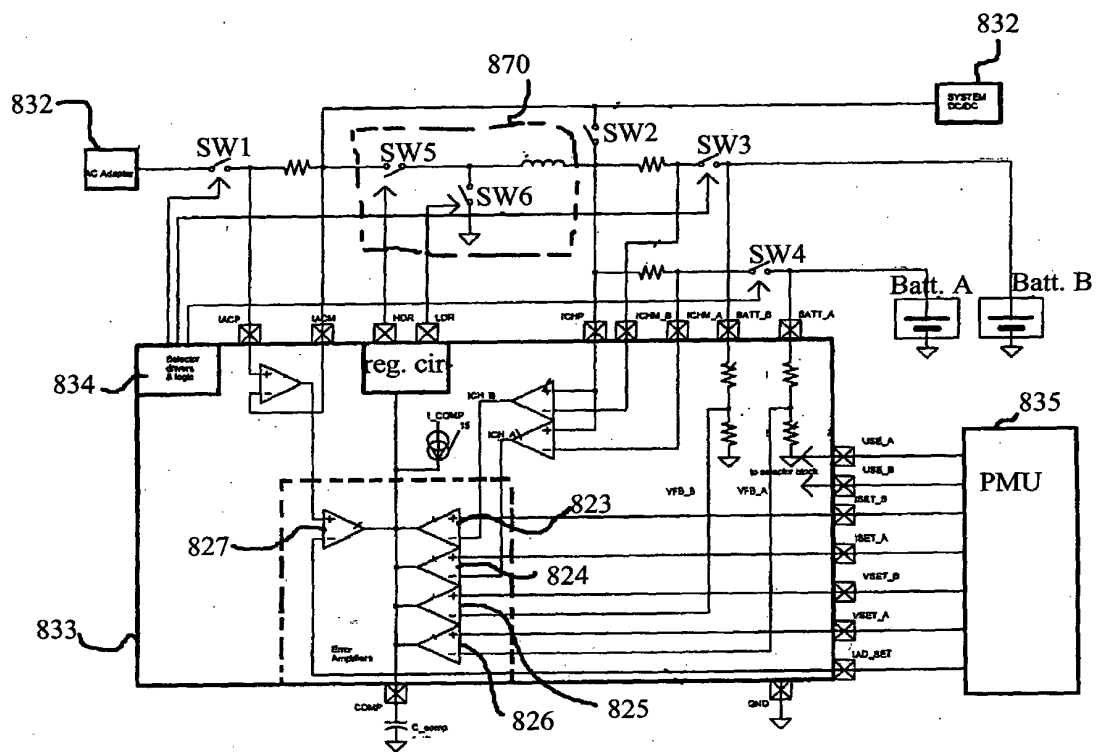


FIG. 8



FIG. 9